

Product datasheet for VC101956

E6 (NC 001531) Virus Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: E6 (NC_001531) Virus Tagged ORF Clone

Tag: Myc-DDK

Symbol: E6

Mammalian Cell Neomycin

Selection:

ORF Nucleotide

pCMV6-Entry (PS100001) Vector:

E. coli Selection: Kanamycin (25 ug/mL) >The Viral ORF clone VC101956 represents NCBI reference of NP_041365 with codon

optimized for human cell expression Sequence:

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCAGAAGGAGCCGAACACCAGCAGAAGCTCACAGAGAAAGACAAGGCAGAACTGCCTCTGTCAATCC GAGACCTTGCCGAGGCGCTGGGGATTCCTGTCATAGATTGTCTGATCCCATGCAATTTTTGTGGAAATTT CCTGAACTATCTTGAGGCTTGCGAATTCGACTACAAACGATTGAGTCTGATCTGGAAAGATTACTGCGTT TTCGCTTGTTGTCGGGTGTTTGCGGAGCTACCGCTACATATGAGTTCAATCAGTTTTACGAGCAGACGG TGCTTGGCAGAGACATCGAACTGGCTAGCGGCCTGTCAATTTTTGACATAGACATCCGGTGTCAGACGTG TCTCGCCTTCCTGGACATCATAGAAAAATTGGATTGTTGCGGAAGAGGACTGCCCTTTCACAAAGTTAGG

AATGCTTGGAAAGGCATCTGTCGACAATGCAAACACTTCTATCACGACTGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

>VC101956 representing NP_041365 **Protein Sequence:**

Red=Cloning sites Green=Tags

MAEGAEHQQKLTEKDKAELPLSIRDLAEALGIPVIDCLIPCNFCGNFLNYLEACEFDYKRLSLIWKDYCV FACCRVCCGATATYEFNOFYEQTVLGRDIELASGLSIFDIDIRCQTCLAFLDIIEKLDCCGRGLPFHKVR

NAWKGICRQCKHFYHDW

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

https://cdn.origene.com/chromatograms/ja2718 c06.zip **Chromatograms:**

Restriction Sites: Sgfl-Mlul



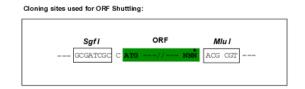
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

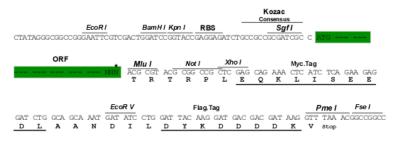
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NC_001531

ORF Size: 471 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

- 1. Centrifuge at 5,000xg for 5min.
- 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
- 3. Close the tube and incubate for 10 minutes at room temperature.
- 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
- 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NC 001531.1, NP 041365

RefSeq ORF: 471 bp



E6 (NC_001531) Virus Tagged ORF Clone - VC101956

Locus ID: 1489047 **MW:** 18.1 kDa